## RAW SEQUENCE LISTING PATENT APPLICATION US/08/485,438

DATE: 06/06/96 TIME: 11:25:34

INPUT SET: S10908.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

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1
                                              SEQUENCE LISTING
        2
        3
            (1)
                   General Information:
                                                               ENTERED
        4
-->
        5
                 (i) APPLICANT:
        6
                      (A) NAME: Synergen, Inc.
        7
                      (B) STREET: 1885 33rd Street
        8
                      (C) CITY: Boulder
        9
                      (D) STATE: Colorado
       10
                      (E) COUNTRY: USA
       11
                      (F) POSTAL CODE (ZIP): 80301
       12
                      (G) TELEPĤONE: (303) 541-1380
       13
                      (H) TELEFAX: (303) 541-1370
       14
       15
                (ii) TITLE OF INVENTION: Inhibition of Retrovirus Infection
       16
       17
               (iii) NUMBER OF SEQUENCES: 3
       18
                (iv) COMPUTER READABLE FORM:
       19
       20
                      (A) MEDIUM TYPE: Floppy disk
       21
                      (B) COMPUTER: IBM PC compatible
       22
                      (C) OPERATING SYSTEM: PC-DOS/MS-DOS
       23
                      (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
       24
       25
                 (vi) CURRENT APPLICATION DATA:
                     (A) APPLICATION NUMBER: US 08/485,438
       26
                     (B) FILING DATE: 07-JUN-1995
       27
       28
                     (C) CLASSIFICATION: 514
       29
                (vii) PRIOR APPLICATION DATA:
       30
       31
                      (A) APPLICATION NUMBER: US 08/209,040
       32
                      (B) FILING DATE: 09-MAR-1994
       33
       34
            (2) INFORMATION FOR SEQ ID NO: 1:
       35
       36
                 (i) SEQUENCE CHARACTERISTICS:
       37
                      (A) LENGTH: 60 amino acids
       38
                      (B) TYPE: amino acid
       39
                      (D) TOPOLOGY: linear
       40
       41
                (ii) MOLECULE TYPE: protein
       42
       43
                (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
       44
       45
                 Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg Arg Lys Pro Gly Lys
       46
                                                      10
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PAGE: 2

## RAW SEQUENCE LISTING PATENT APPLICATION US/08/485,438

DATE: 06/06/96 TIME: 11:25:36

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48	Cvs	Pro	Val	Thr	Tvr	Glv	Gln	Cvs	Leu	Met	Leu	Asn	Pro	Pro	Asn	Phe	
49	0,5			20	- , -	,		0,0	25					30			
50														- •			
51	Cys	Glu	Met	Asp	Gly	Gln	Cys	Lys	Arg	Asp	Leu	Lys	Cys	Cys	Met	Gly	
52	_		35	-	-		-	40	_	_		-	45	-		-	
53																	
54	Met	Cys	Gly	Lys	Ser	Cys	Val	Ser	Pro	Val	Lys	Ala					
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57	(2) INFORMATION FOR SEQ ID NO: 2:																
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69	CTGGATCC	TG T'	TGAC	ACCC	Z AAC	CACC	AACA	AGG	AGGA	AGC (	CTGG	GAAG'	rg co	CAG	rgac'	r	60
70																_	- •
71	TATGGCCA	AT G'	TTTG!	ATGC	C TA	ACCC	cccc	AAT'	rtct	GTG I	AGAT	GAT	G C	CAGT	GCAA	3	120
72																	
73	CGTGACTT	GA A	GTGT:	rgca:	r gg	GCAT	STGT	GGG	AAAT	CCT (	GCGT'	rtcc	CC TO	STGA	AAGC'	r	180
74							•										
75																	
76	(2) INFO	RMAT:	ION I	OR S	SEQ :	ID NO	<b>):</b> 3	:									
77																	
78	(i)	_	UENC														
79	(A) LENGTH: 60 amino acids (B) TYPE: amino acid																
80																	
81		(D	) TO	SOTO	3Y: .	Linea	ar										
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83	(ii)	MOL	ECOLI	S TYI	e: ]	prote	ein										
84 85	(xi)	CEO	TEMO	ישת ה	COTI	וחדחו	AT . C'1	PA T1	n NTO								
86	(XI)	SEV	OENCI	. De:	CKI	-1101	N: 21	rā Ti	) NO								
87	Len	λen	Pro	Val	Men	Thr	Dro	λen	Dro	Thr	λra	λτα	T.ve	Dro	alv	T.vg	
88	1	ASP	FIO	Vai	7.25 2.25	1111	110	ASII		10	Arg	Ary	БуЗ	110	15	bys	
89	•				•												
90	Cvs	Pro	Val	Thr	Tvr	Glv	Gln	Cvs	Xaa	Xaa	Xaa	Asn	Pro	Pro	Asn	Phe	
91	575			20	- 1 -	1		- ] -	25					30			
92																	
93	Cvs	Glu	Xaa	Asp	Glv	Gln	Cvs	Lys	Ara	Asp	Leu	Lys	Cys	Cys	Xaa	Gly	
	- 4 -			- 45	-4		-	40	- 3	- 6		4 -	45	_			
94			35					-2 V					43				
94 95			35					40					43				
	Xaa	Cys	35 Gly	Lys	Ser	Cys	Val		Pro	Val	Lys	Xaa	43				
95	Xaa	Cys 50		Lys	Ser	Cys	Val		Pro	Val	Lys	Xaa 60	43				